

ABSTRACT OF THE DISCLOSURE

A low voltage differential signaling (LVDS) driving apparatus is disclosed, which comprises an LVDS output circuit to output an LVDS differential signal; a switch circuit coupled to the LVDS output circuit to control the phase of the LVDS differential signal; and a reference current control circuit to provide a control voltage to the LVDS output circuit such that the magnitude of the LVDS differential signal is determined based on the control voltage.